

HP ESL SMI-S Provider for HP Systems Insight Manager

About this document

HP Systems Insight Manager (HP SIM) uses CIM/WBEM servers and providers that conform to the Storage Management Initiative (SMI-S). Before HP SIM can manage and report on a storage device, the appropriate SMI-S provider must be installed and configured.

About the SMI-S provider

- The SMI-S provider for HP StorageWorks Enterprise Systems Library (ESL) tape libraries is also called the *Command View TL Provider*.

Models supported

This SMI-S provider enables HP Systems Insight Manager support for the following storage systems:

- HP StorageWorks ESL 9000 Series Tape Libraries
- HP StorageWorks ESL E-Series Tape Libraries
- HP StorageWorks EML E-Series Tape Libraries

Requirements

The following requirements must be met in order for HP Systems Insight Manager to support HP StorageWorks Enterprise Systems Library (ESL) tape libraries:

- HP Systems Insight Manager 5.0 or later must be installed on the central management server (CMS).
- HP StorageWorks Command View TL 1.5 must be installed and managing the ESL tape library that you want to monitor with HP Systems Insight Manager.
- The ETLA upgrade, which enables Command View TL support, is required for ESL 9000 Series Tape Libraries.

Installing the SMI-S provider

The ESL SMI-S provider and Service Location Protocol (SLP) are installed by default when you install Command View TL 1.5. SLP enables optimal discovery in HP Systems Insight Manager.

NOTE:

If you use the Custom installation option to install Command View TL without installing the ESL SMI-S provider and you later decide to install the provider, you must first uninstall Command View TL and then reinstall it.

To download the latest Command View TL software (including the SMI-S provider):

1. Open a web browser and navigate to <http://www.hp.com/go/support>.
2. Select **Download drivers and software**.
3. Type **command view tape libraries** in the search for product box and click >>.
4. On the Download drivers and software page, click the link for the appropriate operating system.
5. Download HP StorageWorks Command View for Tape Libraries.

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To download the HP StorageWorks Command View for Tape Libraries documentation:

1. Open a web browser and navigate to <http://www.hp.com/go/support>.
 2. Select **See support and troubleshooting information**.
 3. Type **command view tape libraries** in the search for product box and click >>.
 4. On the resulting web page click **Manuals**.
 5. Download the *HP StorageWorks Command View for Tape Libraries SMI-S Provider Installation Instructions* document.
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Limitations

- HP Systems Insight Manager may experience a slight delay in discovering the ESL tape libraries while the SMI-S provider gathers information from the devices for the first time.
 - Installing more than one SMI-S array or tape provider on the same host is not recommended. For example, do not install the MSA and ESL providers on the same host.
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Links

- HP Systems Insight Manager overview: <http://h18013.www1.hp.com/products/servers/management/hpsim/index.html>
- HP Systems Insight Manager SMI-S provider information: <http://h18013.www1.hp.com/products/servers/management/hpsim/smi-s-providers.html>